

Impulse, special edition
September 2018

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Our 2018 Impact Report is here.

Friends and colleagues,

What we do, our impact, and why it matters. These are big, existential questions, to be sure. But that's all the more reason we need to reexamine them closely, as we've done in our [2018 Impact Report](#), which recounts and quantifies our progress over the last four years. We're grateful to all our partners, sponsors, and broader community for the ways in which you've enabled our progress and success.

As we've been looking inward, our fellows have been busy making headlines. Over the past month they've landed [new project funding](#), secured [key investments](#), and [hit their strides](#), so don't miss all the great news below.

Onward,
The Cyclotron Road team

P.S. We're hiring a program operations associate to join our team! Read more about the role and apply [here](#).



We launched Cyclotron Road in 2014 to support world-leading scientists as they move a transformative technology concept toward a first product. So how are we doing? Our [2018 Impact Report](#) takes a deep dive into some of the key progress indicators we're tracking and the impact we are making for our fellows.

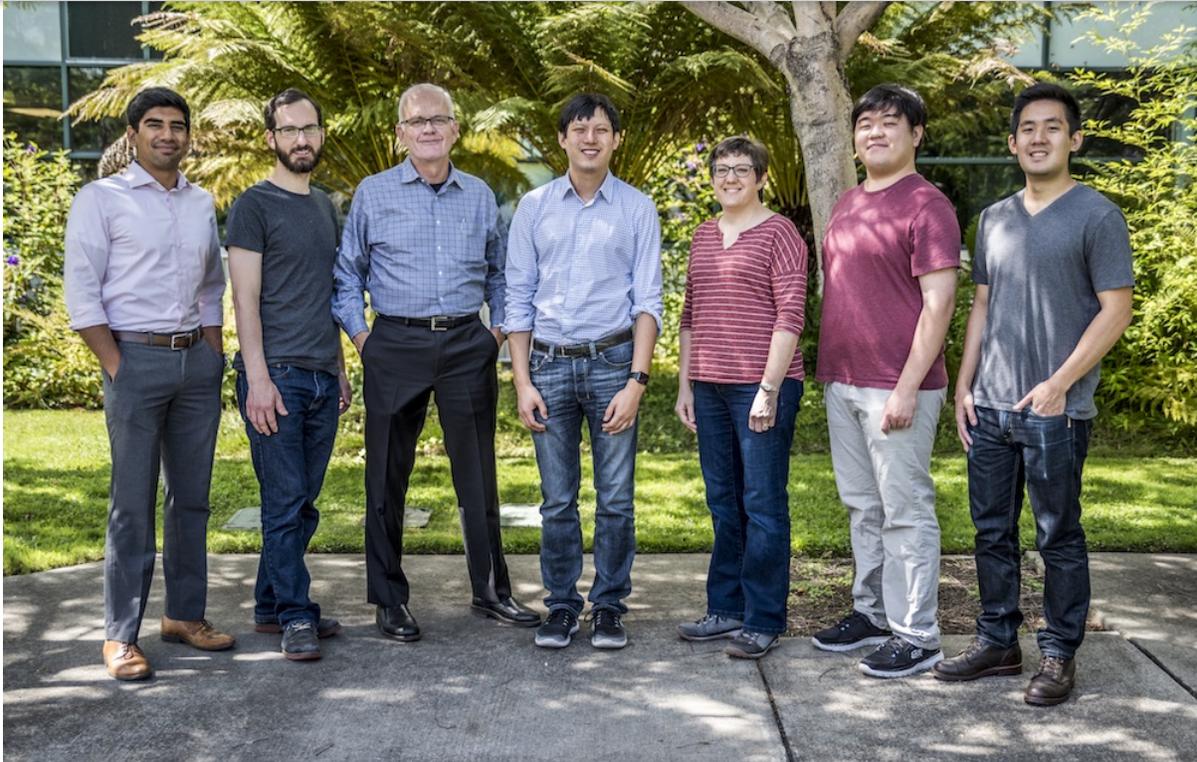
The bottom line: our support is enabling a new path for the development of an innovator and their idea that would otherwise not exist. And while there's still a long road ahead, we're more convinced than ever that Cyclotron Road is filling an essential gap for science entrepreneurs working to solve pressing problems in energy, manufacturing, defense, food, and health.

Of course, our continued progress would not be possible without foundational support from the DOE Advanced Manufacturing Office and the California Energy Commission, as well as the guidance and support of the Leadership Team of Lawrence Berkeley National Laboratory and our Leadership Council.

Check out the report and let us know what you think!

Cohort News

For Synvitro, a new name, new funding, and a growing staff



Zachary Sun (center) with the Synvitrobio team last year; photo, Berkeley Lab

For Zachary Sun, September has been a month chock-full of news. Along with a new name—Tierra Biosciences—and a growing staff at his startup, the Cohort Two alumnus announced that the company closed an oversubscribed \$2.6 million seed funding round.

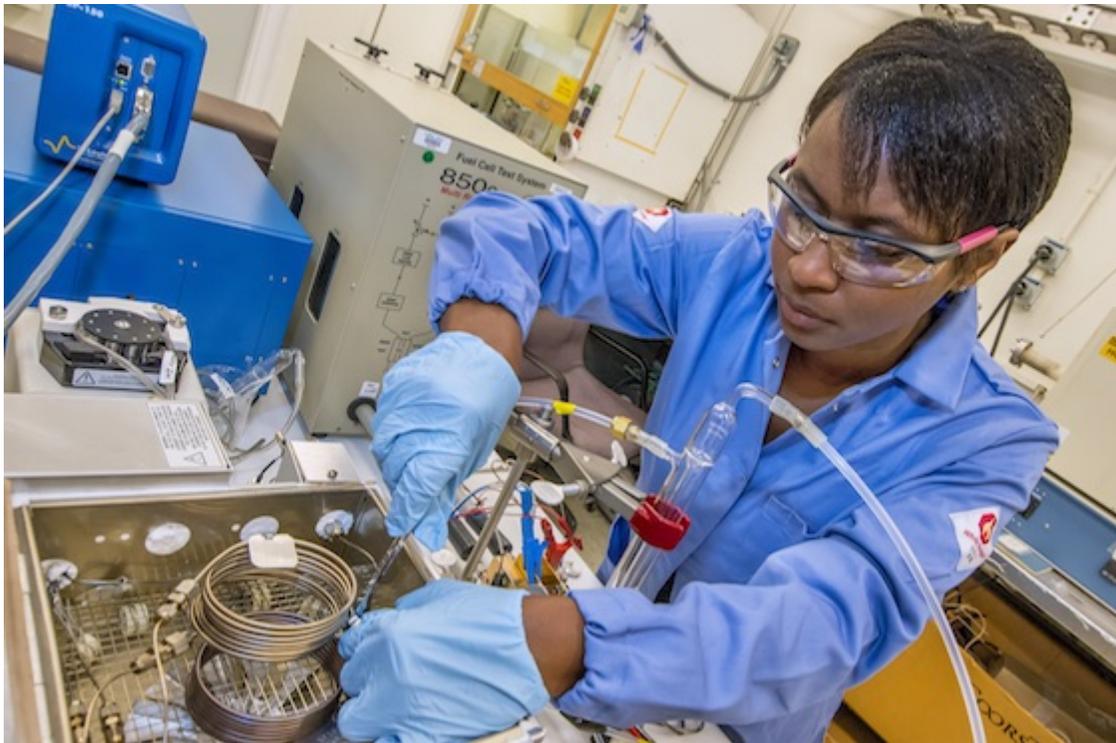
But the success is no surprise. “We saw Zach completely transform himself and his company at Cyclotron Road but his vision has been clear and relentless from day one,” our executive director said. [Read the full story.](#)

Cohort News

Bleximo raises \$1.5 M seed round

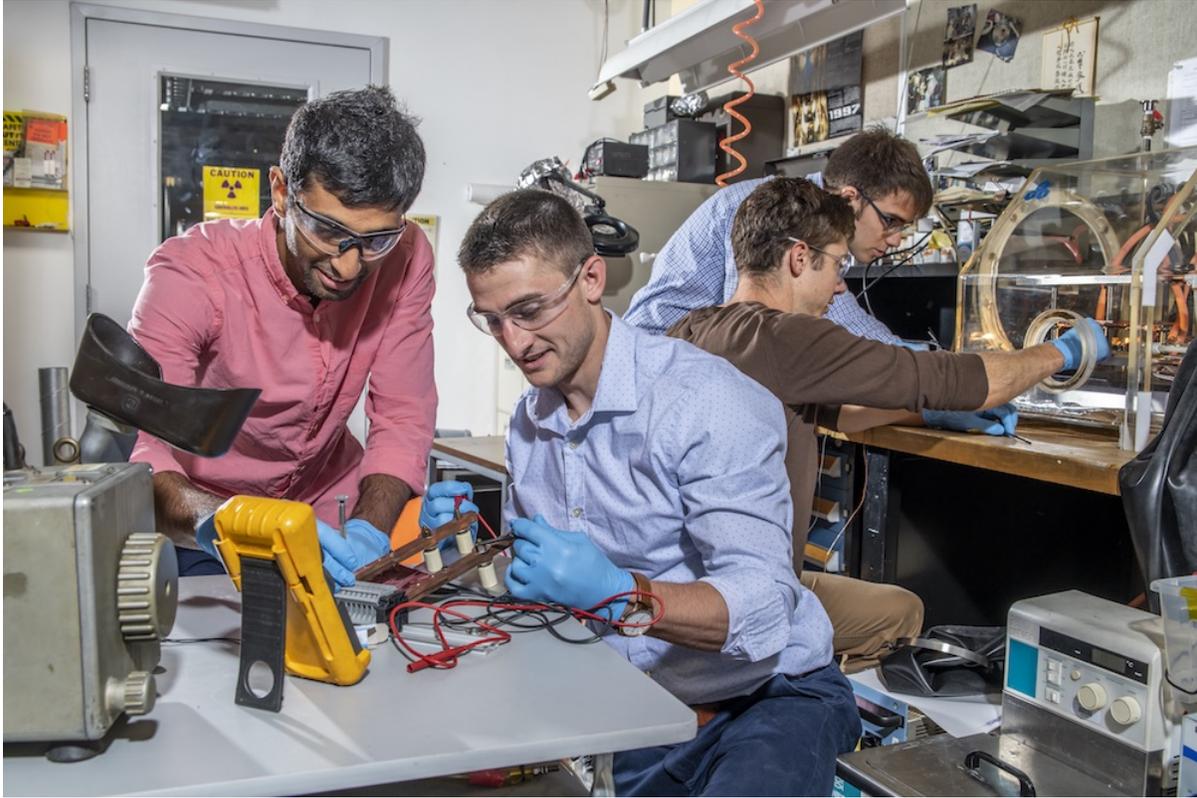
[Bleximo](#) Corp., a quantum computing startup founded by Cohort Four fellow and leading quantum expert Alexei Marchenkov, has announced the close of a \$1.5 million seed round, led by Eniac Ventures.

Bleximo is bringing quantum computing from the research lab to industry by focusing on high-value business, engineering, and scientific problems that are impractical or impossible to solve on conventional digital computers alone. It will use the funds to build scalable prototypes of superconducting quantum



Applying to Cohort Five? Applications open Oct. 1 and you can register to apply today.

We will accept applications for Cohort Five from Oct. 1 to Oct. 31 but you can get a head start by [registering to apply today](#). Fellows receive two years of support, as well as access to facilities, equipment, and expertise at Berkeley Lab and UC Berkeley, and an intensive program of mentorship and professional development. The experience propels entrepreneurial scientists and engineers from the concept stage to prototype, from an idea to marketable product.



Antora Energy pictured above; photo, Berkeley Lab

Within the first three weeks of September, four startups—[Antora Energy](#), [Fervo Energy](#), [Mosaic Materials](#) and [Visolis](#)—founded by current and alumni Cyclotron Road fellows were competitively awarded funding from a pair of Department of Energy offices as well as the DOE's Advanced Research Projects Agency-Energy (ARPA-E). These companies are commercializing innovations in the advanced materials, chemical, and geothermal energy sectors.

Cohort News

Chobani selects CinderBio for inaugural Food Tech Residency

When he founded a company to introduce Greek yogurt to the American market, Hamdi Ulukaya named his venture Chobani—Turkish for shepherd. That's a fitting image for the company's [Food Tech Residency](#), which supports new technologies that promise to reduce energy consumption and boost safety for Chobani and other food manufacturers across the country.

[CinderBio](#), founded by Cohort Four fellows Jill Fuss and Steve Yannone, has been

this three-month program, launching in October, CinderBio will work side-by-side with the Chobani leadership to evaluate how CinderBio's technology can provide the manufacturer and others in the industry with a biodegradable, effective cleaning solution for processing equipment. CinderBio's class of ultra-stable enzymes operate in hot, acidic conditions, providing an alternative to conventional, harmful chemicals.



BACKSTORIES ◀

The roads taken, and the decisions made.

We're excited to announce that [Backstories](#), a new multi-media interview series that gives a glimpse into why our Cohort Four fellows took the plunge into entrepreneurship, is now live. In our first episode, learn how Fervo Energy co-founders [Tim Latimer and Jack Norbeck](#) crossed paths and why they're so bullish on the future of geothermal energy.

Program News

Join our team: We're hiring a program operations associate

We are expanding the Cyclotron Road team to include a program operations associate whose primary roles will include strategic analysis aimed at programmatic improvements; managing program data; and providing tactical support for operations and recruitment. Interested? Know someone who fits the bill? Check out the [full job description here](#).

Program and cohort news ...

Startups led by five of our past and current fellows are hiring for a range of positions. To scroll through the list, [check out our jobs page](#) ... Managing director Sebastien Lounis and a number of Cyclotron Road fellows [partook in a lively discussion](#) about advancing energy storage innovations within National Labs at the DOE InnovationXLab Energy Storage Summit ...

What we're reading ...

Greg Satell, on how investors are adapting to a [new era of \(not just digital\) innovation](#), for Inc. ... We can't get enough of [Ph.D. to CEO](#), the weekly newsletter by Cohort One alum Raymond Weitekamp, who somehow finds time while running 3-D printing company polySpectra to pen insightful letters to aspiring hard-tech entrepreneurs ... MIT Tech Review's look at how California could affordably reach its new [100 percent carbon-neutral electricity goals](#) (includes a shout-out to Fervo Energy, co-founded by Cohort Four fellows Tim Latimer and Jack Norbeck) ... Finally, we've been listening to Clean Capital's Experts Only podcast [with our executive director Ilan Gur](#). Give it a listen!

Calendar

Events and opportunities to connect with us and our community

[Chevron Tech Challenge](#) Submissions Close September 30

Chevron is working with the U.S. Department of Energy to find technologies that can significantly decrease produced water management costs while reducing or eliminating waste streams. Technologies should at a minimum be demonstrated at lab scale.

[SynBioBeta](#) October 1-3—San Francisco, CA

Cyclotron Road alumnus Deepak Dugar will be speaking at [#SynBioBeta2018](#) about Visolis' advanced bioengineering platform to manufacture sustainable, carbon-negative materials.

[VERGE Oakland](#) October 16-18—Oakland, CA

sustainability. Our founder Ilan Gur will be speaking at this year's conference and invites you to join. Save 10% [when you register here](#) and use discount code **V18SPKRGUEST**.

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